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### Warning

**ELECTRICAL SHOCK HAZARD.** Turn off power at the main service panel by removing the fuse or switching the appropriate circuit breaker to the off position before removing or installing any thermostat.

### Warning

This thermostat must be installed only by a professional contractor familiar with air conditioning and heating systems controls and wiring.  
Install only on 24V AC control systems.

# Robertshaw®

# 9710

**DELUXE  
PROGRAMMABLE  
THERMOSTAT**

INTEGRATED COMFORT SOLUTIONS™

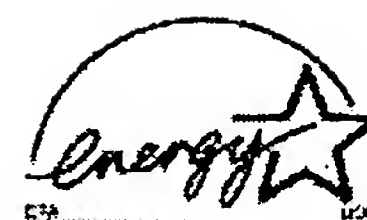


ELECTRIC



GAS

**7 Day Programmable  
3 Heat / 2 Cool**



## Intelligent Comfort Control

The 9710 has your comfort in mind. Our programmable thermostat is full of intelligent features, providing the ultimate choice in flexibility. **Customize your surroundings.** In QuickSet™ mode, set seven daily programs for summer and winter all at once. Choose Auto Changeover, and the thermostat will automatically switch to heat or cool, keeping you comfortable year round. These smart features enable you to control your comfort level and reduce energy costs up to 25%.

The 9710 is compatible with all standard 24 Volt AC multi-stage heat / cool systems, up to 3 stage heat, 2 stage cool. Green LED indicates Auxilliary heat stage operation.

When you select a Robertshaw thermostat, you've made the choice of an industry partner that's been making quality products for 100 years. Come home to affordable comfort. Come home to Robertshaw®.

## Features and Benefits

### NiteView™ Backlight Display

Backlight display can be easily activated by pressing buttons or convenient light bar.

### Auto Changeover

Automatically switches into heat or cool mode. Prevents having to manually change system from heat to cool.

### 7 Day Programming

Seven separate daily programs with four time and temperature changes per day allow maximum flexibility.

### Battery Back-Up

Prevents loss of programming in memory due to power outages.

### QuickSet™

Allows 7 days to be programmed all at once.

### EER™ (Energy Efficient Recovery)

Increases energy savings. EER™ allows gradual recovery from setback temperature to minimize use of auxiliary systems.

### Automatic Compressor Short Cycle Protection

A system safeguard. Reduces wear and tear of HVAC equipment.

### Programmable Keypad Lock

Eliminates tampering. Keeps others from changing desired program.

### Toll-Free Assistance

Toll-Free Technical Service number printed right on the thermostat provides immediate assistance.

### Adjustable Temperature Differential

Maintains optimal customer comfort.

### Quick Wire Terminal Block

Fast and easy installation. Uses sturdy wire clamps — no wrap-around of screws.

### Filter Monitor

Indicates when filter needs to be cleaned or replaced.

### Programmable Fan

Energy cost savings. Allows user to set and provide continuous circulation for optimal comfort.



HVAC equipment.

**Remote Sensor Capable**

Remote sensor capable – averages up to 4 sensor inputs (including main). Remote sensors are available separately as model 9015.

**Temporary Program Override**

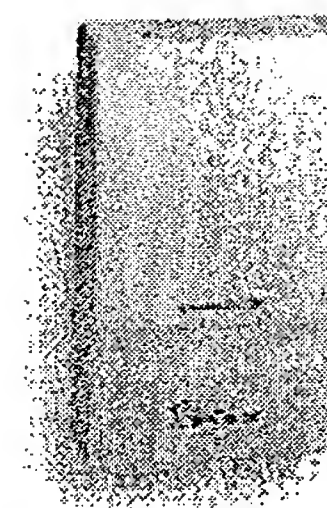
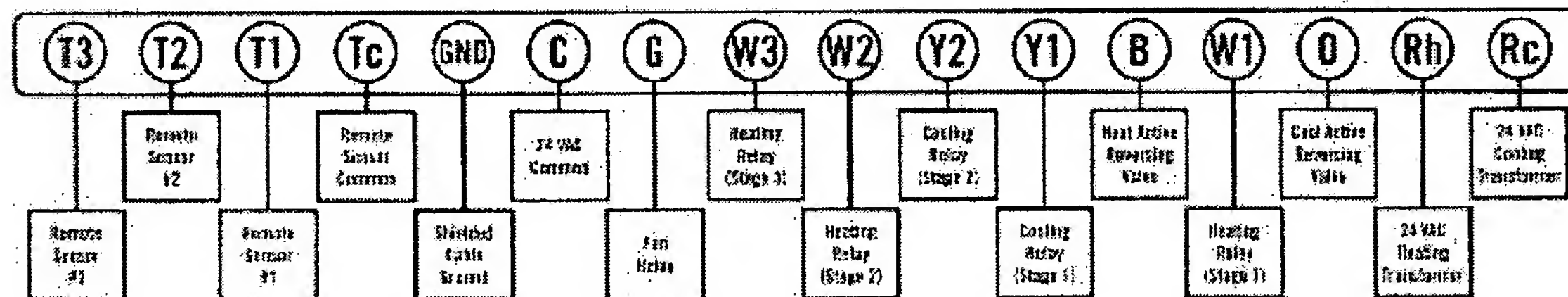
Allows for manual temperature adjustment.

<http://www.thermostatsales.com>

Technical service available:

1-800-445-8299

M-F 7:30 a.m. – 5:30 p.m. CST

[Click here to purchase](#)**Robertshaw®****9710****DELUXE  
PROGRAMMABLE  
THERMOSTAT****ELECTRIC GAS****7 Day Programmable  
3 Heat / 2 Cool****Terminal Designations**Optional Accessory:  
9015 REMOTE SENSOR**THE ROBERTSHAW 9710 REPLACES:**

Maple Chase	09710
White-Rodgers Company* 1F91-71, 1F95-71, 1F95-80	
Honeywell, Inc.* T8621C, T8621D, T8611G, T8624D	

\* Verify specific application requirements before substitution.

**Shipping Information**

Indiv. Ctn. Dim.: 7.75" x 4.75" x 1.875"  
 Master Ctn. Qty.: 6  
 Master Ctn. Dim.: 10.25" x 6.5" x 8.25"  
 Master Ctn. Cu. Ft.: .32  
 Master Ctn. Wt.: 8.5 lbs.  
 Max. Pallet Qty.: 720  
 Max. Pallet Wt.: 1020 lbs.

Item 9015 Remote Sensor  
 Indiv. Ctn. Dim.: 4.375" x 2.625" x 1.375"  
 Master Ctn. Qty.: 6  
 Master Ctn. Dim.: 5.625" x 4.875" x 4.875"  
 Master Ctn. Cu. Ft.: .08  
 Master Ctn. Wt.: 1.0 lbs.

**Specifications**

Electrical rating: 24 Vac AC (18-30 VAC)  
 1.5 amp maximum load per terminal (relay outputs)  
 4 amp total maximum load (all terminals combined)  
 Temperature control range: 45°-90°F (7°-32°C)  
 Accuracy:  $\pm 1/2^\circ\text{F}$  ( $\pm 1/2^\circ\text{C}$ )  
 Auto-changeover deadband: Selectable 3° or 5°F  
 DC power: 3.0 Vdc (4 "AA" alkaline batteries included)  
 Temporary temperature override: 4 hour maximum or next setpoint  
 Remote sensor capable: Averages up to 4 sensor inputs  
 (3 remote plus main sensor)  
 System configurations: Multi-stage gas, oil or electric  
 heating/cooling systems (Up to 3 stage heat, 2 stage cool)

**Other Multi-Stage  
Heat / Cool Thermostats****Architectural / Engineering  
Specification**

The thermostat shall be a Robertshaw Model 9710 or equivalent. The thermostat shall have seven-day programmability with up to 4 time/temperature changes per day. The thermostat will allow temporary temperature override for a maximum of 4 hours or the next setpoint time, whichever occurs first. The thermostat will have adjustable differential setting for both first and second stage operation to allow efficient system operation. The thermostat shall allow the user to program the system fan separately for continuous or automatic operation for each of the 4 time setpoints per day to meet local application and code requirements.

It shall be capable of operating with standard 24 VAC multi-stage gas, oil or electric heating and/or heating/cooling systems up to 3 stage heat, 2 stage cool. The thermostat will have an electrical rating of 1.5 amp maximum load per terminal, 4 amp total maximum load for all terminals combined. The thermostat shall have relay outputs compatible with standard 24 VAC control circuits and have battery back-up to prevent loss of programming in memory during power outages. The battery back-up circuit shall maintain all user programming for at least three months.



## Heat / Cool Thermostats

8520: Digital, Non-Programmable, HP  
 8820: Programmable, 7 Day, HP  
 9720: Deluxe Programmable, 7 Day, HP

**Uni-Line North America**  
 515 South Promenade Avenue  
 Corona, CA 91719  
 United States of America



A Siebe Group Company

Customer Service Phone: 800.304.6563 Fax: 800.426.0804  
 E-mail: [infocenter@uni-line.com](mailto:infocenter@uni-line.com)  
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back-up to prevent loss of programming in memory during power outages. The battery back-up circuit shall maintain all user programming for at least three months. The thermostat will have automatic changeover capability to allow the thermostat to determine whether the heating or cooling program should be used to control the room temperature.

The keypad shall have a programmable keypad lock to prevent tampering with the user program. The thermostat shall provide a backlit display for easy nighttime viewing. The thermostat will provide remote sensor capability for up to four temperature sensors (including main thermostat sensor). The thermostat shall be equipped with a filter monitor. An LED indicator shall be provided to indicate when the auxiliary stage of heating is activated. The thermostat shall be equipped with a five-minute delay on break for compressor short cycle protection during cooling operation to prevent compressor damage.

Distributed by:

<http://www.thermostatsales.com>

### Other thermostats to check out

9500  
9505  
9520  
9600  
9610  
9620  
9700  
9710  
9720

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